

Civil & Environmental Engineering Department

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January 22, 2020

To: Faculty Executive Committee

From: Henry Burton, Chair
C&EE Courses & Curriculum Committee



Via: Ertugrul Taciroglu
Professor and Chair, Civil & Environmental Engineering

Subject: 2020-2021 Major Undergraduate Curriculum Revision

Our department has unanimously approved a set of changes to our capstone design course. The goal is to provide students with adequate preparation for the final design project while adhering to specific ABET requirements. We propose adding a 2-unit required course that will be offered in the Fall quarter. The course will cover general civil engineering material required by ABET including sustainability in design, professional licensure, project management, business, public policy, leadership, and ethics. The specific changes are listed below:

1. Addition of a new course entitled “Civil and Environmental Engineering Professional Practice (CEE190)”.
2. The new CEE 190 course is a prerequisite for the project-based capstone design courses: CEE123, CEE 144, 147, 152, 157B, 157C.
3. The co-requisite requirement for CEE 190 is at least one of the following courses: CEE 121, 141, 142, 151, 155.
4. The addition of this new course will lead to the total credit required for graduation to 183.